

CASE IA/3-22332/PCT

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

*Anna R. Maddalena*  
Type or print name

*Anna R. Maddalena*  
Signature

*4/29/05*  
Date

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PCT NATIONAL STAGE APPLICATION OF

Group Art Unit:

JONATHAN HUGHES

Examiner:

INTERNATIONAL APPLICATION NO. PCT/EP 03/08295

FILED: JULY 28, 2003

FOR: PRODUCTION OF A FERMENTATION  
PRODUCT

U.S. APPLICATION NO: 10/523,230

35 USC 371 DATE: JANUARY 31, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 CFR 1.56, Applicants wish to call the Examiner's attention to the references cited on the attached forms PTO-1449. Copies of the International Search Report and the references cited therein were supplied when this application entered the U.S. national phase. Enclosed herewith is a copy of the British Search Report. Except for the U.S. Patents, copies of the references cited therein are enclosed herewith. Also enclosed herewith are copies of the Kim et al article, EP 150933, EP 102759 and EP 202780.

The PTO did not receive the following  
listed item(s) *References cited in page 1*  
*1 of Form PTO 1449*

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 forms.

Respectfully submitted,



Shiela A. Loggins  
Agent for Applicants  
Reg. No. 56,221

Ciba Specialty Chemicals Corporation  
Patent Department  
540 White Plains Road  
P.O. Box 2005  
Tarrytown, NY 10591-9005  
(914) 785-2768  
Encl. References  
PTO-1449 Forms  
GB Search Report

FORM PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

Docket Number (Optional)

IA/3-22332/PCT

Application Number

10/523,230

Applicant

JONATHAN HUGHES

Filing Date

JANUARY 31, 2005

Group Art Unit

**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,384,897	5/83	Brink	127	37	
	4,612,286	9/86	Sherman et al	435	157	
	5,529,699	6/96	Kuo et al	210	735	
	5,411,594	5/95	Brelsford	127	37	
	5,366,558	11/94	Brink	127	43	

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	99/50195	10/99	PCT/World				
	01/34908	5/01	PCT/World				
	376372	7/32	Great Britain				
	2017707	10/79	Great Britain				
	94/29475	12/94	PCT/World				

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)**

	Y. Kholkin et al., Applied Biochemistry and Biotechnology, Vol. 82, No. 2, pp. 132-140, (1999)
	Derwent Abstr. 1993-150324 for SU 1733477 (1992)
	Derwent Abstr. 1997-488205 for RU 2077594 (1997)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

FORM PTO-1449

## INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

IA/3-22332/PCT

Application Number

10/523,230

**Applicant**

**JONATHAN HUGHES**

Filing Date

JANUARY 31, 2005

Group Art Unit

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	0964061	12/99	Europe				
	61204100	9/86	Japan				
	0150933	8/85	Europe				
	0102759	3/84	Europe				
	0202780	11/86	Europe				

**OTHER DOCUMENTS** (including Author, Title, Date, Pertinent Pages, Etc.)

	Derwent Abstr. 1986-281090 [43] for JP 61204100 (1986)
	K. Kim et al., Applied Biochemistry and Biotechnology, Vol. 91-93, (2001), pp. 253-267

**EXAMINER**

DATE CONSIDERED

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.